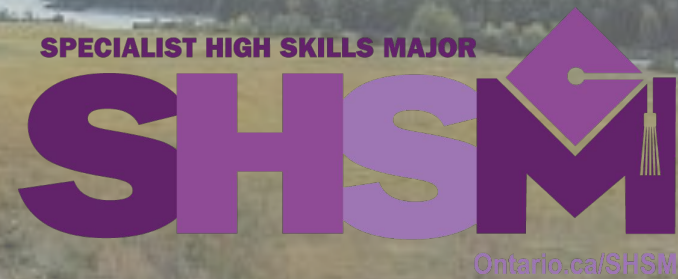


CO-OPERATIVE EDUCATION

Community Partners in Education



LIVE THE SKILLED LIFE!



THE VALUE OF

EXPERIENTIAL LEARNING



WHAT IS EXPERIENTIAL LEARNING?

Experiential learning is the process of learning through participation rather than listening to a lecture or reading about a topic.



ABOUT EXPERIENTIAL LEARNING...

- These are hands-on learning experiences that help students prepare for future employment
- Often deemed to be the most effective option for promoting true understanding
- Examples could include a co-op placement, an internship, an apprenticeship, volunteering, etc.

EXPERIENTIAL LEARNING IS ALSO KNOWN AS:

- » Hands-on learning
- » Active learning
- » Learning by doing



HOW DOES EXPERIENTIAL LEARNING WORK?

- 1** Students try out a new skill
- 2** They reflect on their experience
- 3** This reflection leads to new understanding
- 4** Students then apply this new knowledge to other activities



KEY BENEFITS OF EXPERIENTIAL LEARNING:

- » Students learn from mistakes early on in a supportive setting
- » Students learn faster and are more likely to retain important information
- » A faster learning curve means that students can complete their program quickly
- » Practicum experience allows students to network with industry employers
- » Students develop job-ready skills
- » Students graduate with confidence



KEY BENEFITS OF EXPERIENTIAL LEARNING:



- » Students identify their strengths and interests
- » Provide resume building content for future job applications
- » Potential employment post-graduation
- » Smoother transition to the workforce

DID YOU
KNOW?



YOU CAN HELP..

1. Talk about your work experiences
2. Encourage your child to participate and explore educational opportunities such as Cooperative Education, Specialist High Skills Major (SHSM), and the Ontario Youth Apprenticeship Program (OYAP)
3. Explore non-traditional careers together by researching jobs and companies online and asking friends and family members to share their career experiences

**FOR MORE INFORMATION
ABOUT EXPERIENTIAL
LEARNING TALK TO A
GUIDANCE COUNSELLOR,
MEMBER OF
ADMINISTRATION,
STUDENT SUCCESS
TEACHER, OR
COOPERATIVE
EDUCATION TEACHER
TODAY**



**"I need more
info"**



A **WORLD** OF
OPPORTUNITIES

CO-OPERATIVE EDUCATION

What is Co-operative Education?

The Co-operative Education Program provides an opportunity for students to earn credits towards a high school diploma for learning accomplished on the job.

Two credits earned on-the-job are linked to one in-school credit.



Cooperative Education

GOALS:

1. Help students develop the responsibilities, knowledge, and skills required for employment
2. The opportunity to explore a career
3. Provide hands-on experience in a field of interest to the student





1

Creating Opportunities through Co-op (Grades 11 & 12)

In this course, students can explore a range of interests or create a focused experience based on a particular interest they may have. Students work towards developing skills, knowledge, and habits of mind that will support them in their education and career/life planning.

OR

2

Cooperative Education Linked to a Related Course (Grades 11 & 12)

Students are given the opportunity to make connections between what they learned in a previously taken class and how that learning is applied in the world outside the classroom. This option allows for 3 different experiences, outlined on the next slide.

Cooperative Education Linked to a Related Course (Grades 11 & 12) Options

	1 Credit	2 Credit	3 Credit
Pre-placement	15-20 hours	15-20 hours	15-20 hours
Integration	7 hours	14 hours	28 hours
Placement	83-88 hours (minimum)	186-191 hours (minimum)	392-397 hours (minimum)
Total	110 hours	220 hours	440 hours

TOP 6 REASONS TO TAKE CO-OP

So many courses to choose from,
but why not take co-op in grade 11 or 12?



1
Develop Job Readiness
skills, Resume Writing,
Interview Skills



2
Gain valuable real-life
work experience



3
Gain more independence
and responsibility




4
Learn about your strengths
and interests



5
Learn about
Post-secondary options



6
Make connections and
network with professionals



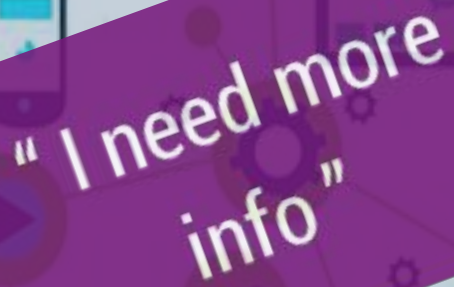
Make connections between school and work and try a career of interest before finalizing plans for post-secondary education, training, or employment

Develop the essential skills and work habits required in the workplace and acquire a direct understanding of employer and workplace expectations

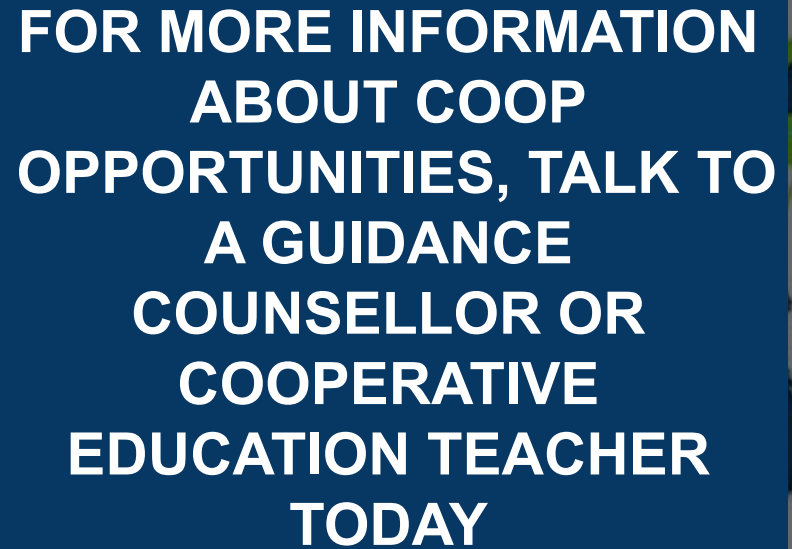
Gain valuable work experience to help build their résumé for post-secondary programs and future

See the relevance of their classroom learning in a work setting

Experience authentic and purposeful learning outside a traditional classroom setting



"I need more
info"



**FOR MORE INFORMATION
ABOUT COOP
OPPORTUNITIES, TALK TO
A GUIDANCE
COUNSELLOR OR
COOPERATIVE
EDUCATION TEACHER
TODAY**



APPRENTICESHIP
ONTARIO *Live the Skilled Life!*

WHY OYAP?

- Ontario Youth Apprenticeship Program is a high school program that allows your student to try a huge variety of apprenticeship-based careers in skilled trades
- The program begins in Grade 11 or Grade 12 and is offered through the Cooperative Education program at your school
- Over 140 different careers offered through OYAP across Ontario including:
 - Electrical
 - Child Youth Worker
 - Early Childhood Educator/ Child Development Practitioner
 - Hairstylist
 - Plus many more



LIVE THE SKILLED LIFE



Able to count OYAP hours towards a future apprenticeship, ultimately shortening the time of that apprenticeship and allowing your student to be a fully credit professional in their field sooner!

Hands on training in both the classroom and on the jobsite allows your student to gain the practical knowledge and skills they need to be successful in their field

Student can try an apprenticeship in high school to see if it is a good fit for them while still earning high school credits

Learn to work safely:
Your student will earn Young Worker Awareness, Standard First Aid, CPR, WHMIS training and certification, as well as trade specific safety training

PATHWAYS OPTIONS



YOUR CHOICE: YOUR FUTURE!

APPRENTICESHIP

E, C, M or U courses
Math skills
OYAP Level 1

2-5 Years

Get Hired by Employer!
Employer Incentive Grants
www.tcu.gov.on.ca
www.oyp.com

80% on job training
20% in classroom
student/mentor ratio 1:1



100%

Have jobs in related field after graduating
Employed while training!



EARN WHILE YOU LEARN!
40-80% salary of journey person while in an apprenticeship

Starting salary:

\$30,000-60,000

depending on certification

Average Student Debt:
\$0

Certificate of Apprenticeship

Certificate of Qualification



COLLEGE

C or M or U courses
Dual Credits

1-3 Years

www.ontariocolleges.ca



Average Tuition Cost/Year
\$4,500

Diploma Certificate



Average Student Debt:

-\$25,000

UNIVERSITY

M or U courses

3-5 Years

www.ouac.on.ca
www.electronicinfo.ca



70% in classroom
30% co-op
student/faculty ratio 40:1

Average Tuition Cost/Year
\$6,500 average OSAP loan

Scholarships
Bursaries

83%

Have jobs in related field after graduating.

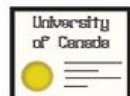
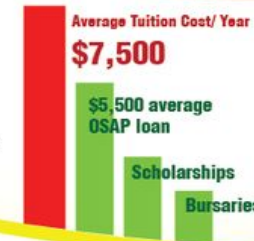


Average Student Debt:

-\$37,000

Usually 100% classroom

student/faculty ratio 85:1



Undergraduate Degree

72%

Have jobs in related field after graduating.

May require post-graduate studies



www.statcan.gc.ca
www.collegeoftrades.ca
www.cfsontario.ca
*All data is approximate and accurate at time of printing

WHY APPRENTICESHIP?

- Apprenticeships are one of few pathways where your student can earn while they learn as they are paid for the work that they do – Can earn up to \$100K during their apprenticeship
- Apprenticeships are 10 months on the job and two in the classroom satisfying hands on learners
- Trades are a high demand field with steady growth and plenty of jobs available
- Trades offer competitive salaries that will set up your student well for the future
- Safety is of utmost importance in the trades - Ontario's health and safety requirements for jobs in the skilled trades are among the highest in the world – especially when it comes to enforcement and diligent reporting.
- Trades leave your student with a strong sense of accomplishment and pride in seeing their work completed – they are masters of their field

1.

**Get Paid To
Learn**

2.

**Graduate
Without Debt**

3.

**High Job
Security**

4.

Rewarding Work

5.

**Transferrable
Skills**

4 Possible Ways to Get Paid!

- ✓ Tuition 85% Paid By The Ministry
- ✓ 10 Months Paid By The Employer
- ✓ 2 Months Paid In-Class
- ✓ Yearly Grants from \$1000



MILLWRIGHT
\$76K

EARNING POTENTIAL



ELEVATOR
CONSTRUCTORS AND
MECHANICS
< **\$76K** >

EARNING POTENTIAL



PLUMBERS
< **\$67K** >

EARNING POTENTIAL



BRICK AND STONE
MASON
< **\$71K** >

EARNING POTENTIAL





**MOTIVE
POWER**

**OVER
140
TRADES**

SERVICES

**4 AREAS
OF
STUDY**

CONSTRUCTION



INDUSTRIAL

1

Check the Requirements:

You will need to make sure you have at least 16 credits and that you are 16 years old, then take co-op so you can get a placement in your trade.

2

Choose a trade:

Start your research. The more you know about yourself, the better. By exploring your interests, talents and abilities, and finding out more about various trades, you will discover a trade that is right for you.

3

Talk to your Guidance Dept:

Want to get a head start by becoming part of OYAP? Then speak to your Guidance Counselor, Tech Teacher, or Co-op Teacher, they can help you to find a program that will best suit your needs.

4

APPLY, APPLY, APPLY:

Once you've decided that the trades is something you'd like to pursue, complete an OYAP application form so that you can enrol with the Ministry of Advanced Education and Skills Development.

16

CREDITS & WORKING TO COMPLETION OF OSSD

16

YEARS OF AGE

full-time or part-time STUDENT



APPLY NOW



**TALK TO A GUIDANCE COUNSELOR OR CO-OP
TEACHER FOR MORE INFORMATION**

SPECIALIST HIGH SKILLS MAJOR

SHSM

The logo for Specialist High Skills Major (SHSM) features the letters 'SHSM' in a bold, purple, sans-serif font. The letter 'M' is stylized to incorporate a graduation cap (mortarboard) with a tassel, positioned above and to the right of the letter's stem.

Ontario.ca/SHSM

Specialist High Skills Major Programs



SH SPECIALIST
SM HIGH SKILLS
MAJOR

The Specialist High Skills Major (SHSM) is a specialized program that allows students to gain credits toward their Ontario Secondary School Diploma and focus their learning on a specific economic sector at the same time. The SHSM is a Ministry of Education approved program.

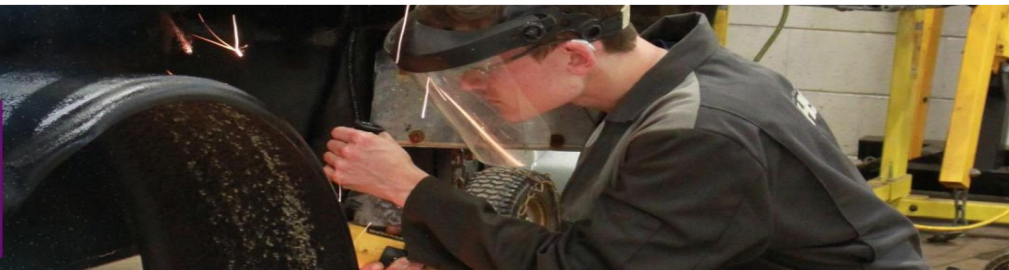
CHOOSE A SECTOR, CHOOSE A PATHWAY

CHOOSE A SECTOR, CHOOSE A PATHWAY

SHSM programs consist of a bundle of courses in a specialized field completed over grades 11 and 12. Students participate in experiential learning through co-operative education, as well as additional certification and training related to their specialized SHSM sector. Students may also have opportunities to hear from guest speakers and participate in industry tours.

SPECIALIST HIGH SKILLS MAJORS

SHSM



19 SECTORS

- 
- agriculture
 - arts and culture
 - aviation/aerospace
 - business
 - construction
 - energy
 - environment
 - food processing
 - forestry
 - health and wellness
 - horticulture and landscaping
 - hospitality and tourism
 - information and communications technology
 - justice, community safety, and emergency services
 - manufacturing
 - mining
 - non-profit
 - sports
 - transportation



Experiential learning opportunities and interactions with industry professionals

Select from course bundles that are flexible to allow students to change pathway as their post-secondary plans may change

Be offered opportunities to identify career options and explore post-secondary pathways

Trips and workshops aligned with your career goals and interests


Earn sector recognized certifications and industry related training

GRADUATING WITH A SHSM...

GRADUATING WITH A SHSM...

Students who complete a SHSM receive:

- an Ontario Secondary School Diploma (OSSD) with an embossed SHSM red seal
- an SHSM record documenting their achievement
- formal recognition on their Ontario Student Transcript
- sector-recognized certification and career-relevant training



The Specialist High Skills Major program is preparing the next generation of Ontario's workforce by connecting the skills and knowledge that students develop in school to those that businesses need today and tomorrow. Students, teachers, schools, government, and business are all working together to ensure that Ontario's workforce can meet the challenges of the 21st century.

Mary Jean Gallagher,
Assistant Deputy Minister,
Student Achievement Division,
Ministry of Education

REQUIREMENTS...



SHSM program requirements vary based on which sector students participate in. However, requirements can include:

- 2 Co-operative Education Credits
- 2 Senior English Credits
- 1 or 2 Mathematics Credits (sector dependent)
- 4 Credits from the Major Course Bundles (each sector contains different courses to choose from) -- at least 1 to be completed in Gr.11 and 1 in Gr. 12
- 1 Credit in Additional Study (based on sector)
- Industry Recognized Certification (specific Courses and number varies by sector)
- Completion of a Contextualized Learning Activity



“My SHSM prepared me for university and showed me all the jobs in the health field.”

SAMPLE REQUIREMENTS -- MANUFACTURING



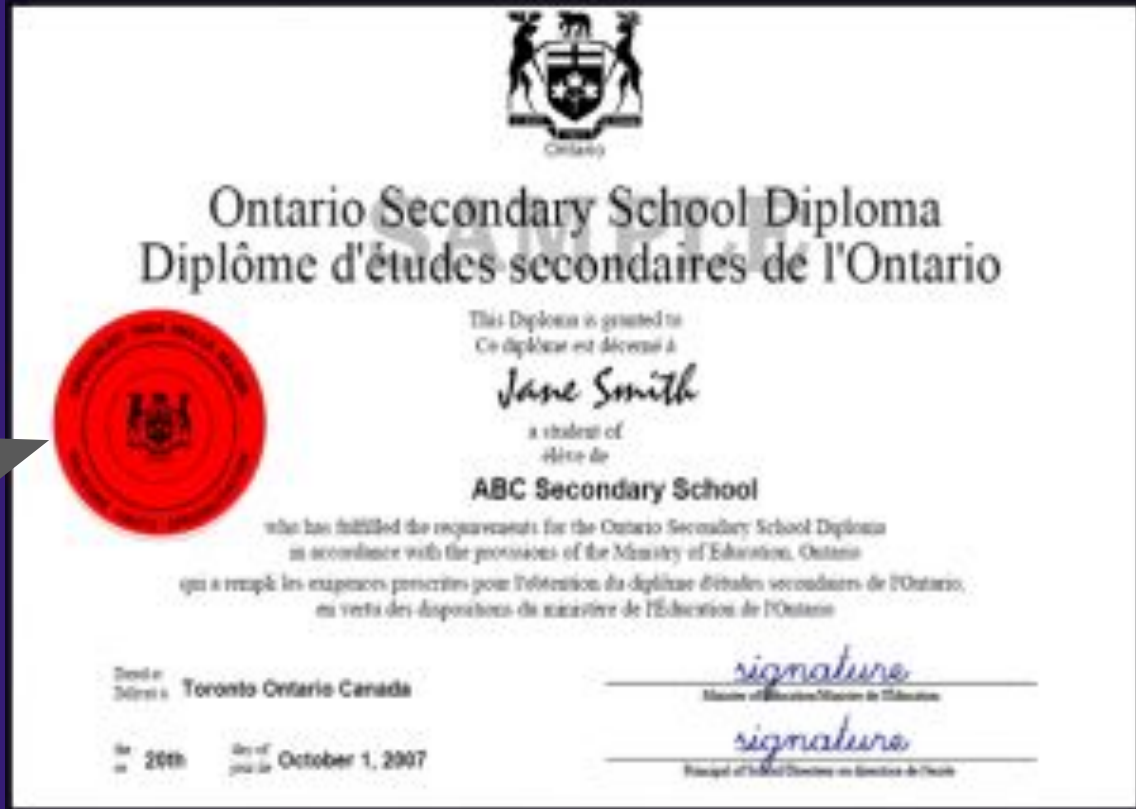
PATHWAY	APPRENTICESHIPS		COLLEGE**		UNIVERSITY		WORKPLACE	
CAREER OPTIONS (There are many more!)	Electrician, Millwright, Mould Maker, Precision Machinist, Tool & Die Maker, Welder		Design & Drafting, Electronics & Engineering, Manufacturing Technologists		Electrical, Industrial, Mechanical, Chemical & Computer Engineers		Inventory Clerk, Machine Operator, Motor Vehicle Assembler, Foundry Worker & Solderer	
GRADE	11	12	11	12	11	12	11	12
MAJOR COURSES Choose 4 Majors (minimum one from each grade. May also include 3 rd co-op credit) Consider Dual Credits too: SHSM ELIGIBLE DUAL CREDIT COURSES YRDSB Dual Credit Site	TDM3M TWJ3E TMJ3E TCJ3E IDC3O2	TWJ4E TMJ4E TCJ4E SCH4C SPH4C IDC4O2 TSB4Y	TGJ3M TMJ3C TDM3M TDJ3M TCJ3C ICS3C	SPH4C SCH4C TMJ4C TDJ4M TDM4M TCJ4C ICS4C *check dual credit list*	TDM3M TDJ3M SPH3U SCH3U TMJ3M ICS3U	TDM4M SPH4U SCH4U TMJ4M ICS4U TDJ4M	TWJ3E TMJ3E TCJ3E	TWJ4E TMJ4E TCJ4E
ENGLISH One required with CLA -2 for Workplace Destination	ENG3E	ENG4U ENG4E	ENG3C	ENG4C	ENG3U	ENG4U	ENG3E	ENG4E OLC4O
MATH One required with CLA	MEL3E MBF3C MCF3M	MAP4C MCT4C MEL4E	MBF3C MCF3M	MAP4C MCT4C	MCF3M MCR3U	MDM4U MCV4U MHF4U	MEL3E	MEL4E
CO-OP Summer coop also an option for SHSM students	2 (minimum)		2 (minimum)		2 (minimum)		2 (minimum)	
SCIENCE or Additional Co-op (GR 12 MATH FOR WORKPLACE DESTINATION) CLA	SVN3E SBI3C	SCH4C SPH4C	SBI3C ICS3C	SCH4C SPH4C ICS4C	SCH3U SPH3U SBI3U ICS3U	SPH4U SCH4U SES4U ICS4U	SVN3E	OLC4O GLE4O MEL4E

SAMPLE REQUIREMENTS -- MANUFACTURING

THREE (3) Compulsory				
CPR level C with AED	Generic Instruction about WHMIS (Workplace Hazardous Materials Information System) usually through CO-OP. Provide a copy of your Work Safety Agreement			Standard First Aid
THREE (3) Electives from the list below				
basic electrical safety	Basic Safety Orientation (BSO Plus)	Canadian Welding Bureau (CWB) – flat	computer-aided design and computer-aided manufacturing (CAD/CAM)	confined space awareness
customer service	elevated work platforms	fall protection	fire safety and fire extinguisher use	handling dangerous substances
health and safety – basic	hoisting and rigging	Innovation, Creativity and Entrepreneurship (ICE)	leadership skills	Lean Manufacturing
lockout/tagging	personal protective equipment – manufacturing	portfolio development	project management	propane safety
safe lifting	scaffold safety	sector-specific vehicle operation and safety	sector-specific software 1	specialized skills training program/competition (e.g., Skills Canada provincial level)
transportation of dangerous goods	Working at Heights			

#Explore SHSM

**SHSM
RED
SEAL**





YOUR SKILLS,
YOUR FUTURE.

SPECIALIST HIGH SKILLS MAJOR



FOR MORE INFORMATION TALK TO YOUR GUIDANCE COUNSELOR



If you still have questions about experiential learning, opportunities, or any of the programs offered, please contact your school's Cooperative Education Department and/or Guidance Office today.